





Directional control valve

Patent number: EP1045150
Publication date: 2000-10-18
Inventor: FUKANO YOSHIHIRO (JP); MAKADO SHOICHI (JP)
Applicant: SMC KK (JP)
Classification:
- **International:** F15B13/04; F15B13/044
- **European:** F15B13/04B4; F15B13/044; F16K11/052B; F16K31/06F
Application number: EP20000107278 20000404
Priority number(s): JP19990107253 19990414

Also published as:

 US6318408 (B1)
 JP2000297876 (A)
 EP1045150 (A3)
 EP1045150 (B1)

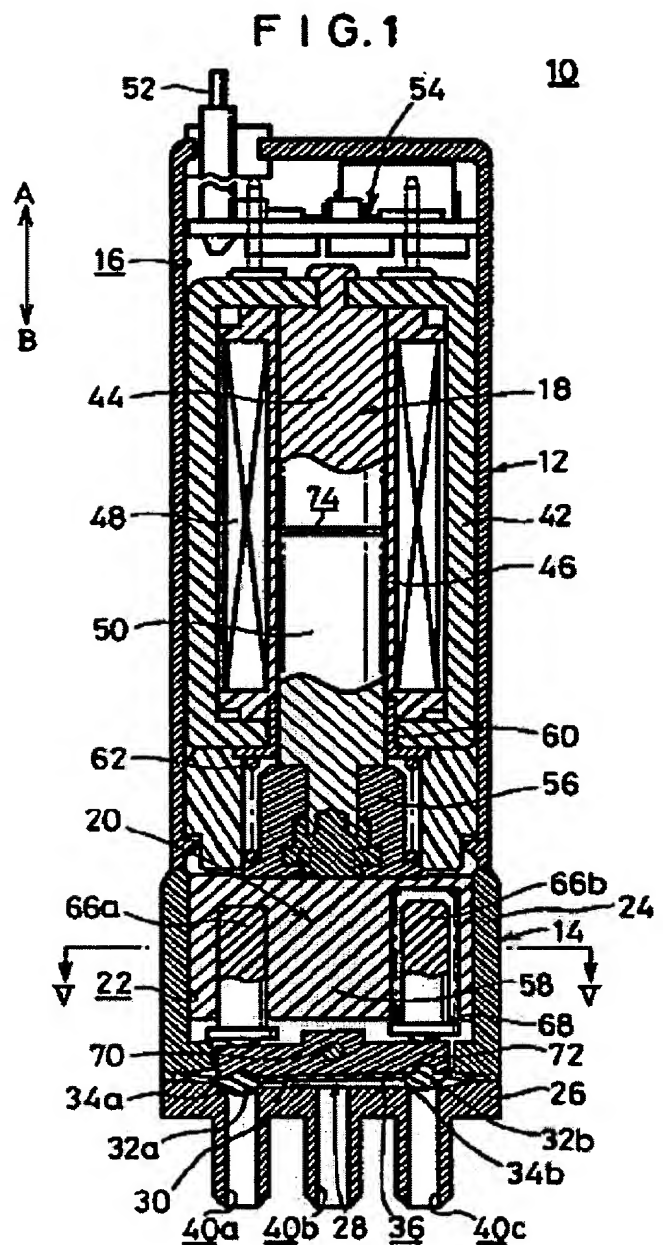
Cited documents:

 US5337785
 DE4224389
 EP0875701
 US2935086

Report a data error here

Abstract of EP1045150

A three-way valve (10) comprises a valve body (14) which is formed to have a rectangular parallelepiped-shaped configuration and which has a plurality of ports (40a to 40c) provided in juxtaposition on a first side surface having a narrow width, a solenoid section (18) which is provided at the inside of a casing (12) and which includes a fixed iron core (44), a movable iron core (50), and an electromagnetic coil (48), and a valve mechanism section (20) provided with a diaphragm (28) which is arranged coaxially with the solenoid section (18) and which is displaceable in accordance with an exciting action on the electromagnetic coil (48) to switch the communication state between the first to third ports (40a to 40c).



Data supplied from the *esp@cenet* database - Worldwide